

**Amendments to the Specification:**

Please replace the paragraph beginning at page 3, line 1, with the following rewritten paragraph:

--In another embodiment, the present invention provides a method for detecting antibodies capable of binding to adenovirus, comprising a peptide selected from the group consisting of: AATALEINLEEEDDDNEDEVDEQAEQQKTHVF-Amide (SEQ ID NO:1), IGVEGQTPKYADK-Amide (SEQ ID NO:2), YETEINHAAGRVLKK-Amide (SEQ ID NO:3), GILVKQQNGKLESQ-Amide (SEQ ID NO:4), STTEATAGNGDNLTPKV-Amide (SEQ ID NO:5), MPTIKEGNSRELMG-Amide (SEQ ID NO:6), VINTETLTKVKPKTGQENGWEKDATEFSK-Amide (SEQ ID NO:7), or peptides having substantial sequence identity thereto. While not limited to a specific method of detection, in one embodiment the method of detecting comprises an ELISA system.--

Please replace the paragraph beginning at page 3, line 9, with the following rewritten paragraph:

--In yet another embodiment, the present invention provides a composition of matter comprising CKGKG (SEQ ID NO:8) or a peptide having substantial sequence identity thereto, and their use in a biosensor based assay to detect antibodies.--

Please replace the paragraph beginning at page 3, line 12, with the following rewritten paragraph:

--While certain embodiments of the present invention is not limited to specific peptides, in preferred embodiments the peptide is capable of being bound by antibodies specific to adenovirus 5. Examples of such peptides include those described above, as well as the following: CKGKGAATALEINLEEEDDDNEDEVDEQAEQQKTHVF-Amide (SEQ ID NO:9), CKGKGIGVEGQTPKYADK-Amide (SEQ ID NO:10), CKGKGYTEINHAAGRVLKK-Amide (SEQ ID NO:11), CKGKG GILVKQQNGKLESQ-Amide (SEQ ID NO:12), CKGKGSTTEATAGNGDNLTPKV-Amide (SEQ ID NO:13), CKGKG MPTIKEGNSRELMG-Amide (SEQ ID NO:14), CKGKG VINTETLTKVKPKTGQENGWEKDATEFSK-Amide (SEQ ID NO:15), or peptides having substantial sequence identity thereto.--

Please replace the paragraph beginning at page 17, line 1, with the following rewritten paragraph:

--Table 1. Amino acid sequences of the seven peptides. Each peptide contains a common amino terminus cysteine residue directly followed by a KGKG (SEQ ID NO:16) linker. The remaining amino acid sequences correspond to the seven unique hypervariable regions (HVR) of adenovirus type 5 (Ad5) hexon.

Peptide Designation	Amino acid sequence corresponding to Ad5 hexon	
HVR1	137	168
	CKGKGAATALEINLEEEDDDNEDEVDEQAEQQKTHVF (SEQ ID NO:9)	
HVR2	185	197
	CKGKGIGVEGQTPKYADK (SEQ ID NO:10)	
HVR3	210	225
	CKGKGYETEINHAAGRVLKK (SEQ ID NO:11)	
HVR4	247	260
	CKGKGGILVKQNGKLESQ (SEQ ID NO:12)	
HVR5	267	283
	CKGKGSTTEATAGNGDNLTPKV (SEQ ID NO:13)	
HVR6	302	315
	CKGKGMPTIKEGNSRELMG (SEQ ID NO:14)	
HVR7	421	438
	CKGKGVINTETLTKVKPKTGQENGWEKDATEFSDK (SEQ ID NO:15)--	

Please replace pages 1-5 of the Sequence Listing with the enclosed Sequence Listing pages 1-8 (see Appendix A).